(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 14 October 2004 (14.10.2004)

PCT

(10) International Publication Number WO 2004/087429 A2

(51) International Patent Classification⁷:

B41M

(21) International Application Number:

PCT/US2004/009565

(22) International Filing Date: 29 March 2004 (29.03.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/458,462

28 March 2003 (28.03.2003) US

(71) Applicant (for all designated States except US): GER-BER SCIENTIFIC PRODUCTS, INC. [US/US]; 83 Gerber Road West, South Windsor, CT 06074 (US).

(72) Inventors; and

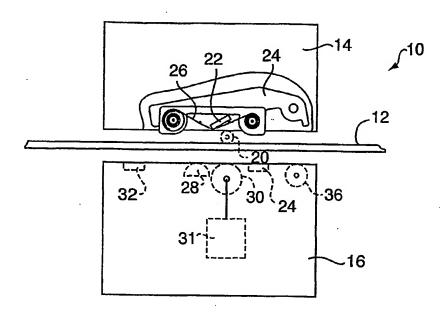
(75) Inventors/Applicants (for US only): GODDEN, Mark [GB/GB]; 25 Lower Warren Road, Kingsbridge Devon TQ7 1LF (GB). BRANT, Lisa [US/US]; 35 Evergreen Terrace, Durham, CT 06422 (US). GORDON, Thomas

[US/US]; 164 Great Pond Road, South Glastonbury, CT 06033 (US).

- (74) Agent: GETZ, Richard, D.; McCormick, Paulding & Huber LLP, CityPlace Π, 185 Asylum Street, Hartford, CT (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: SYSTEM AND METHOD OF EMPLOYING INDICIA ON WEB MATERIAL AND WEB MATERIAL USING SAME



(57) Abstract: A donor web for use in a thermal transfer printer comprises a foil having a transfer side and a non-transfer side. A layer of thermal transfer material is disposed on the transfer side of the foil material. Indicia is ink-jetted to the foil. The indicia includes information pertaining to at least one of the length of used foil and the length of unused foil so that an operator can determine whether there is enough foil left for a printing operation. Preferably, the indicia is disposed on the non-transfer side and at a longitudinal edge portion of the foil in order to not affect or otherwise damage the printing portion of the foil. Also, the indicia is preferably white or black ink in order to be clearly visible against various colors of the thermal transfer material. The indicia can also be disposed on a receiver web.

2004/087429 42

WO 2004/087429 A2

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.